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NEW DELHI, SATURDAY, JUNE 3, 1967 (JYAISTHA 13, 1889)

इस भाग में अलग पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 3rd June 1967

The Annual Report of the Patent Office for the year 1965 is now on sale with the Manager of Publications, Civil Lines, Delhi and also at the Government of India Book Depot, 8, Hastings Street, Calcutta (for local sale at the counter) at Rs. 1.10 or 2-h. 7d. or 40 cents per copy.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act

15th May 1967

- 110643. Suresh Chandra Gupta and N. A. Ramajiah. Instol-additive agents for improving the performance of low grade masscutes in sugar factories.
- 110644. Dynamit Nobel Aktiengesellschaft. Processes for carrying out exothermic reactions in fluidised beds.
- 110645. S. G. Ekbote. Press for clay bricks.
- 110646. B. P. Pandey. A device for prevention of railway accidents.
- 110647. Westinghouse Electric Corporation. Disc-type semiconductor device.
- 110648. Westinghouse Electric Corporation. High power, non-linear, gas tube resistor.
- 110649. Celanese Corporation. Method for preserving wood.
- 110650. Palitex Project-Company G. m. b. H. Protective cage for two-for-one spindles.
- 110651. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Molding materials for the production of foam articles.
- 110652. Sando Iron Works Co., Ltd. Washing of a contaminated guideroll and prevention of from contamination in cloth treatments.
- 110653. A. T. Johannessen. Improvements in or relating to arrangement for unloading of bulk cargo. (16th May 1966),

- 110654. American Cyanamid Company. Organo phosphorous compositions and their use in controlling arthropod parasites.
- 110655. The Green Cross Corporation. Process for producing the lactic acid bacteria drugs.
- 110656. C. L. Burdick. Intra-uterine device.
- 110657. Demag Ag. Metallurgical furnace.
- 110658. Fizichesky Institut Imeni P. N. Lebedeva. Electric incandescent lamp.
- 110659. Hewitt-Robins International S. A. Mobile Bridge conveyor steering system. [Addition to No. 97643].
- 110660. Rockwell-Standard Corporation. Parking and emergency brake system for vehicle. (8th July 1966).
- 110661. Rockwell-Standard Corporation. Brake actuator in improvements. (8th July 1966).
- 110662. The English Electric Company Limited. Improvements relating to reversible pump turbines. (20th May 1966).
- 110663. Morgan Construction Company. Coil Handling apparatus.
- 110664. Cerberus Ag. Fire alarm system with monitoring device for fire alarms connected in groups to a central station.
- 110665. Imperial Chemical Industries Limited. New water-soluble reactive anthraquinone dyestuffs, their preparation and use. (27th May, 1966).
- 110666. Ritter Pfaudler Corporation. Baffle.
- 110667. A. R. Balvara. Improvements in or relating to filters for liquids for drinking purposes and the like

16th May 1967

- 110668. G. W. Ruparel. Improvements in or relating to safety razors and the like.
- 110669. Hugen Dettmer G.M.B.H. Improvements in or relating to equipment for drying and burning of loose materials, especially of minerals.

- 110670 V. D. Roosa. Fuel injection nozzle with adjustable means therefor.
110671. Ministerul Industriei Constructiilor De Masini. Moulding machine with revolving and oscillating compressive head.
110672. Veb Arzneimittelwerke Dresden. Process and equipment for manufacture of non-abrasive non-discolourable granules of pharmaceutical substances.
110673. Elektrostalsky zavod tyazhelogo mashinostroenia. Elektrostal. Hydraulic motor speed governor.
110674. Ciba Limited. Pesticidal preparations.
110675. Sandoz Ltd. Improvements in or relating to organic compounds.
110676. Koninklijke Nederlandsche Gist-En Spiritusfabriek N. V. Process for the preparation of stable solutions of oxytetracycline in water, suitable for parenteral and peroral administration.
110677. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Process for the manufacture of carboxylic acid vinyl esters.
110678. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to semiconductor device headers. (19th May 1966).
110679. J. R. Geigy A. G. Process for the production of new tricyclic amines.
110680. J. R. Geigy A. G. Process for the production of difficultly water soluble anthraquinone dyestuff mixtures.
110681. Girling Limited. Improvements in and relating to tubular housing structures. (19th May 1966).
110682. Joseph Lucas (Industries) Limited. Ignition distributors. (13th June 1966).
110683. Imperial Chemical Industries Limited. Rope structures. (20th May, 1966).
110684. Farnell Instruments Limited. Improvements in or relating to units for mounting electrical circuit components. (23rd May, 1966).

17th May 1967

110685. Shri Krishnappa. Hydrosignoscopy in textile.
110686. K. Sundararajan. Rewirable blown-out fuse indicator.
110687. P. S. Sawalka. Glass run channel.
110688. P. S. Sawalka. Door lace.
110689. P. S. Sawalka. Weather strip.
110690. Sandoz Ltd. Improvements in or relating to organic compounds. (18th May 1966).
110691. A. H. Robins Company, Incorporated. "5-[Aryldehydropiperidinyl- and aryldehydropyrrolidinyl]-lower-alkyl-2-oxazolidinones".
110692. Ciba Limited. "1, 3, 4-Benzodiazines".
110693. The Pillsbury Company. Spray drying method, apparatus and product.
110694. Colgate-Palmolive Company. Bleaching compositions.
110695. Colgate-Palmolive Company. Scouring cleansing composition.
110696. Colgate-Palmolive Company. Abrasive scouring cleanser.
110697. Colgate-Palmolive Company. Abrasive scouring cleanser.
110698. Firma Dr. J. Loebering K. G. and J. K. Synthetics Limited. Production of shaped articles from polyacrylonitrile.
110699. Firma Dr. J. Loebering K. G. and J. K. Synthetics Limited. Production of bows, fibres, films or filaments of polyacrylonitrile.
110700. Firma Dr. J. Loebering K. G. and J. K. Synthetics Limited. Production of shaped articles of polyacrylonitriles and copolymers.

18th May 1967

110701. T. N. Tandon and G. Lalwani. Coupler mechanism for railway rolling stock.
110702. Egyesult Gyogyszer-Es Tapszergyar. New naphthyl and tetrahydronaphthyl formamides.
110703. Central Glass Co., Ltd. A method for manufacturing highly pure gypsum.
110704. Globe-Union Inc. Ceramic composition for barrier layer capacitors.
110705. Ciba Limited. 1, 3-Benzodiazepines.
110706. Ciba Limited. 2,4-Benzodiazepines.
110707. Ciba Limited. 3-Quinolincarboxylic acids.
110708. Veb Farbenfabrik Wolfen. Process for the production of liquid soluble condensation products. (3rd April 1967).
110709. Sando Iron Works Co., Ltd. A method and apparatus for treating cloth.
110710. Imperial Chemical Industries Limited. Improved magnetic recording tape. (27th May, 1967).
110711. Brog-Warner Corporation. Audio-visual apparatus.
110712. Rodi & Wienberger Aktiengesellschaft. Improvements in or relating to decorative covers for wrist-watch straps.
110713. Rockwell-Standard Corporation. Brake actuator assembly.
110714. Caterpillar Tractor Co. Hydraulic follow-up for vehicle steering systems.
110715. Heinrich Koppers Gesellschaft mit beschränkter Haftung. Cooler, particularly a circular cooler, for agglomerated materials.

19th May 1967

110716. Council of Scientific and Industrial Research. Improvements in or relating to corrosion protection of steel radiators.
110717. Hewitt-Robins International, S.A. Conveyor system.
110718. Československa akademie ved. Method for preparing soluble glycol methacrylate polymers and copolymers.
110719. David Brown Gear Industries Limited. Securing components together. (25th May 1966).
110720. Swiss Aluminium Ltd. Electrolytic process.
110721. Quigley Company, Inc. Furnace repair gun.
110722. C. F. Boehringer & Soehne GmbH. A process for the preparation of L-(—)- α -Methyl- β -(3, 4-Dihydroxy-Phenyl)-Alanine. (23rd March 1967).
110723. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Benzodiazepine derivatives and process for their manufacture. [Division and date 31st August 1965].
110724. Karamchand Premchand Private Limited. A process for the preparation of alanine by submerged fermentation.
110725. American Home Products Corporation. Steroid compounds.
110726. Halcon International Inc. Chemical process.
110727. Aluminium Laboratories Limited. Heat-treatment of aluminium-manganese alloys. (29th July 1966).
110728. Rohm and Hass Company. Treatment of liquids.
110729. K. Gerlach and Dr. Ing. H. Gerlach. Telescopic props for mines.
110730. K. Gerlach and Dr. Ing. H. Gerlach. Extensible hydraulic telescopic pit prop clampable by means of friction lock.
110731. G. V. Sathe. Improvements in or relating to a device for water lifting by gravity.
110732. T. D. Rao. Improvements in or relating to an improved can opener device.
110733. J. Chhabildas. Improvements in or relating to revolvers and the like.

Alteration of Date

102712. The claim to priority date 1st December 1964 has been disallowed and the application dated as of 27th November, 1965, the date of filing in India.
102491. The claim to priority date 15th October 1965 has been disallowed and the application dated as of 12th November 1965, the date of filing in India.
107699. Ante-dated to 8th August 1966 under Section 5 of the Act.
110418. Ante-dated to 15th November 1965 under Section 5 of the Act.
110262. Ante-dated to 21st July 1965 under Section 5 of the Act.
100676. Post-dated to 16th April 1966 under Section 5 of the Act.

Application Accepted

Notice is hereby given that all persons interested in opposing the grant of patent's on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933, of such oppositions.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the Office.

The dates shown in crescent brackets are the dates allowed under Section 78A of the Act.

100676. Council of Scientific and Industrial Research. A pressure measuring device. Accepted on 10th May 1967.

Consisting of a thick diaphragm and a sensing system both being hermetically enclosed by the body of the cell a back plate and a cover.

100727. Automation Industries Inc. Ultrasonic inspection. Accepted on 22nd April 1967.

Comprising transducer means, scan means coupled to transducer means produce a scanning movement, means coupled to the transducer means for energizing the transducer means.

100827. Dr. Ing. Dr. Ing. E. h. H. Schenck and Dr. Ing. W. Wenzel. Process of producing high-strength ore pellets. Accepted on 28th April 1967.

Wherein process pre-fired ore is added to the crude material be pelletized characterized by addition of such ore in amounts 10-50%, preferably 20-40% of dry weight of resulting mixture.

100900. Dunlop Robber Company Limited. Improvements in or relating to injection moulding apparatus. (8th August 1964). Accepted on 2nd May 1967.

Comprising a conveyor, a pair of movable platens, means for heating the platens and actuating means.

100924. Dunlop Rubber Company Limited. Improvements in or relating to tyre removal and fitting machine. (20th August 1964). Accepted on 3rd May 1967.

Comprising a substantially horizontally disposed wheel and tyre supporting plate, a plurality of releasable wheel gripping arms.

100956. Walker Sons & Co., Ltd., and D. P. Chandrasinghe. Improvements in or relating to power supply system. Accepted on 4th May 1967.

Comprising a generator/motor, which functions as an synchronous motor during normal period, is coupled with a prime mover during power shortage and acts as a stand-by alternator to continue supply of power to individual machines and said prime mover takes a part of the motor load.

100972. Veb Starkstrom-Anlagenbau Erfurt. A housing, particularly for electric installations or parts of thereof. (5th August 1964). Accepted on 5th May 1967.

Comprising corner connectors, profile members and plate members characterized by the fact that the corner connectors are quadrangularly shaped and comprises pegs and/or recesses in the possible connecting directions of the profile members.

101051. K. A. Moothan. A method for the production of aluminium oxide from aluminium. Accepted on 10th May, 1967.

Comprising electrolytically amalgamating aluminium metal and then drying the amalgamated portion in open air.

101063. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of organic acetates. (16th July 1965).

Comprising reacting an olefine (or) alkyl benzene at elevated temperature with oxygen and acetic acid in the presence of palladium metal catalyst deposited on aluminium oxide which is substantially or partly in the form of spinel.

101094. Compagnie Francaise De Television. Improvement to colour television receiving tubes. (28th October 1964). Accepted on 12th May, 1967.

Comprising a rectangular screen with parallel phosphor strips, three successive strips of said screen having different colours, three guns and means for causing said beams.

101097. The Indian Sugar & General Engineering Corporation. Improvements in or relating to a new hydraulic accumulator, allied roller mill equipment. Accepted on 12th May 1967.

Cylinder provided with top and bottom covers a piston in said cylinder dividing the same into two portions or chambers, top of the piston being connected to a hollow piston rod which extends beyond said top cover when piston is at lower end and the open end of the said piston rod being hydraulically sealed.

101116. J. R. Geigy A. G. Process of treating metal or metal alloy surfaces with bis-benzotriazoles as corrosion inhibitors and metal deactivators. Accepted on 15th May 1967.

The metal surface is treated with at least one bisbenzotriazole like bis (benzotriazolyl-5), bis (benzotriazolyl-5)-methane, bis-(benzotriazolyl-5)-1 : 2-ethane, bis-(benzotriazolyl-5) 1 : 1-cyclohexane, bis-(benzotriazolyl-5)-2 : 2-propane.

101118. M. & T. Chemicals Inc. Flame-resistant particle board and process for preparing the same. Accepted on 12th May 1967.

By coating wood particles with a thermally unstable chlorine containing material and with at least one antimony compound and separately coating said wood particles with a particle board adhesive, forming said wood particles into a particle board mat, compressing said mat and curing the said adhesive.

101146. Western Electric Company, Incorporated. Data handling system. (13th October 1964). Accepted on 16th May 1967.

Comprising a processor arrangement including a memory arrangement a control arrangement transmission circuit and an input output system.

101162. Council of Scientific and Industrial Research. Improvements in or relating to carbonisation of coal in narrow continuous vertical retort. Accepted on 17th May, 1967.

Characterised in that carbonisation is carried out at medium and/or high temperature (800—1000°C).

101182. E. N. Mason & Sons Limited. A method of printing or coating a polyester or polyolefin film material, and film materials printed or coated thereby. Accepted on 17th May 1967.
A liquid composition containing a curable thermoplastic material and a cross linking agent therefor is applied to the film and the film is subjected to curing treatment.
101224. Sandoz Ltd. Basic dyes process for their manufacture and materials dyed padded or printed therewith. Accepted on 19th May, 1967.
Comprises reacting a vinyl compound containing a cyclic radical with at least one quaternizable nitrogen atom with a compound containing a radical of a compound permitting the formation of a dye and then the product converted into a dye and if desired the product may also be quaternated.
101258. Ferodo Limited. Friction linings. Accepted on 17th May, 1967.
Having a partially impregnated yarn being in intimate contact throughout, with a fully, impregnated yarn, impregnation being done with at least a binder and the proportions of the yarns being such that there are not more than 70 parts by weight of one of the yarns for every 30 parts by weight of the other.
101352. N. G. Rusanovich, I. S. Dmitriev, J. V. Korobov, S. O. Volfenzon, B. J. Kostin, E. B. Zaichik and V. S. Emelyanov. Device for rigid fastening of cargo to aircraft particularly to helicopter-crane for transporting this cargo. Accepted on 11th May 1967.
Provided with hydraulically driven grippers successively interconnected in one hydraulic system, each of the rear grippers being fixed in a joint in which three rod hoisters converge, the front grippers being fixed on rod hoisters adjustable according to flight positions.
101403. J. R. Geigy A. G. Pigmented polymeric preparations. (7th November 1964). Accepted on the 11th May 1967.
Mixing paste of pigment with aqueous dispersion of emulsion co-polymer of styrene and alkyl acrylate coagulating the resulting mixture, removing aqueous phase from coagulum, drying and pulverising the solid.
101443. Gebr. Bohler & Co. Aktiengesellschaft. Improvements in or relating to processes and apparatus for surface-hardening hardenable steels. Accepted on 18th May, 1967.
Process of surface hardening hardenable comprises heating work piece to form austenitic layer and if desired, adding further energy to transform said layer into martensite wherein the heating and additional energy are given by a nozzleless plasma torch.
101613. Compagnie Royale Asturienne Des Mines. A process for the recovery of zinc from ferrites. Accepted on 17th March 1967.
Wherein leaching of residues from zinc plants is carried out with excess of sulphuric acid resulting residue being drawn out by decanting or filtering.
101685. Pullman Incorporated. Production of halogens. Accepted on 11th May 1967.
Reacting respectively hydrogen chloride or hydrogen bromide with oxygen or a mixture of oxygen, an inorganic oxygen containing compound of nitrogen and liquid sulfuric acid.
101730. Deere & Company. Cotton harvester. Accepted on 17th May, 1967.
Comprising a fore and aft extending auger conveyor in a housing and a blower having an air outlet opening into a duct extending from the housing to effect suction or ripe cotton bolls through upwardly opening right boll outlet the grem boll being discharged through a downwardly opening in the housing.
101735. Dolomitwerke GMBH. Bricks made from magnesite dolomite, lime and mixtures thereof and method for increasing the storage life of said bricks. Accepted on 27th March 1967.
Method for increasing storage life of highly refractory tared bricks characterized by tar bath containing finely dispersed substances inactive bricks.
101766. Veb Elektro-Apparate-Werke Berlin-Treptow. Iron core for voltage systems of electric supply meters. Accepted on 17th May 1967.
Comprising m-shaped plate layers in which the lengths of the sides of the coil being made in the proportion of 4:3 whereby the longersides are parallel to the axis of the coil.
101820. Dunlop Rubber Company Limited. Improvements in or relating to items of furniture. Accepted on 17th May 1967.
Comprising a cured elastomeric sheet or strip provided with a reinforcement a filamentary fabric.
101848. Combustion Engineering, Inc. Air heating system. Accepted on 6th April 1967.
Comprising two air heaters a distribution chamber and duct means.
101927. Council of Scientific and Industrial Research. Continuous production of synthesis gas. Accepted on 10th April 1967.
Comprising introducing a mixture of steam and carbonaceous material in the reactor where hydrocarbons are being burnt with oxygen, air mixture of the two.
102183. Imperial Chemical Industries Limited. Improvements in or relating to a process for the manufacture of trichloro-ethylene. Accepted on 22nd April 1967.
Comprising reacting hydrogen chloride and a source of elemental oxygen with a source of acetylene in vapour phase in the presence of a Deacon catalyst and in the presence of steam and/or vaporising liquid.
102249. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble mono and disazo dyestuffs and process for preparing them. Accepted on 27th April 1967.
Aromatic diazo tetrazo or azo diazo compounds are coupled with azo components.
102276. Mobay Chemical Company. Method of making laminated foam plastic articles and products obtained thereby. (15th September 1965). Accepted on 28th April 1967.
Method of making a laminated structure comprising heat laminating an assembly of polyurethane foam and plastisol having resin, applying a further thermoplastic film to polyurethane film core and finally pressing the assembly to fuse along die surface.
102277. Mobay Chemical Company. Method and apparatus for heat sealing polyurethane foam comprising interposing a plastisol having a resin between foam and film (thermoplastic) and heating the assembly while avoiding distortion of film. (15th September 1965). Accepted on 28th April 1967.
Method for heat sealing polyurethane foam comprising interposing a plastisol having a resin between foam and film (thermoplastic) and heating the assembly while avoiding distortion of film.
102348. N. Turati. Spectacle-frame with independently-acting pincenez fittings which are adjustable along the length of the nose. Accepted on 2nd May 1967.
Characterised by positioning each tongue along rim starting from bridge by means of a support mounted astride to grip around the rim and kept it desired gripping position by a spring to press against rim, supporting element is provided with an elbow-shaped pin movable and carrying tongue at its end.

102393. Associated Electrical Industries Limited. Anchoring arrangements suitable for pipe lines connected to steam vessels. (11th November 1964). Accepted on 4th May 1967.

Comprising first flexible bellows, first tubular member second tubular member, second flexible bellows, accurately bent pipe section, third tubular member, anchoring means, tie means.

102404. Ciba Limited. Water-soluble azo dyestuffs, processes for their manufacture and materials dyed or printed therewith. Accepted on 6th May 1967.

Wherein an azo-dyestuffs A-N=N-B is treated with an alkylating agent or a diazo amine is coupled with a naphthalene.

102435. N. V. Onderzoekingsinstituut Research. Apparatus for treating highly viscous substances. [Addition to No. 96786]. Accepted on 9th May 1967.

In which there is below the rollers a collecting vessel for the substance and there is attached to one end of one of the rollers a disc coaxial with that roller which disc extends to adjacent the bottom of the vessel, and means to scrape substance entrained by the disc off the disc onto the rollers.

102436. N. V. Onderzoekingsinstituut Research. An apparatus for treating highly viscous substances. [Addition to No. 96786]. Accepted on 9th May 1967.

In which the rollers are positioned side by side near the bottom of a vessel and the rotating means is operable to rotate the rollers in opposite directions with the rollers surfaces rotating away from one another at the upper bits.

102440. W. A. Sheaffer Pen Company. Marking of implement. Accepted on 9th May 1967.

Comprising separable parts, a capillary ink reservoir filler element in each end of barrel and a capillary marking tip in contact with both reservoir filler elements in the assembled storage condition of the barrel, the parts of the barrel being separable intermediate the reservoirs to expose one end of the capillary marking tip for marking.

102442. Allied Chemical Corporation. Process for preparing a segmented substantially linear polyether-urethane-urea copolymer. Accepted on 9th May 1967.

Comprising (a) heating a difunctional hydroxyl terminated polyether with less than the stoichiometric equivalent of an aromatic diisocyanate to produce a hydroxyl terminated polyether urethane, (b) heating said produced urethane with at least mole of an aliphatic diisocyanate per equivalent of hydroxyl groups in the produced urethane to produce an isocyanate terminated intermediate and (c) mixing the said intermediate with p-menthane-1, 8-diamine to produce the copolymer.

102464. The B. F. Goodrich Company. Process for making heat-stable hydroxyl-containing vinyl polymers. Accepted on 11th May 1967.

Comprises (A) forming a suspension of a copolymer of vinyl chloride and vinyl acetate in a liquid reaction medium which comprises a lower aliphatic alcohol and an organic solvent that swells the copolymer and an iron salt, (B) adding a strongly basic material to the suspension (C) and then chlorinating the resulting hydroxyl containing polymer in said suspension and (D) separating the polymer from the reaction medium.

102478. Deere & Company. Rotatable doffing structure for a cotton picker. Accepted on 11th May 1967.

Comprising a plurality of vertically spaced doffing plates supported on a vertically disposed central shaft and adapted for operation with an upright rotatable spindle drum having a plurality of laterally extending spindles spaced vertically on the order of the plates.

102487. J. R. Geigy A. G. Process for the dyeing and printing of textile fibre-forming polyesters and synthetic polyamides. Accepted on 11th May 1967.

Dyeing with a dyestuff which dissociate acid in water.

102489. Desma-Werke GMBH. Improvements in or relating to an injection mould for the production of footwear. Accepted on 12th May 1967.

Comprising a last, a vertically displaceable bottom plunger and divided side frame in which one forward part of the side frame being continuous uniform and extended as far as the widest part of the last.

102491. The Goodyear Tire & Rubber Company. Synthetic rubber compositions and pneumatic tire treads prepared therefrom. Accepted on 12th May 1967.

Comprises mixing (a) a rubbery co-polymer of butadiene 1,3 and acrylonitrile (b) a rubbery copolymer of butadiene-1,3 and styrene and (c) a rubbery polymer of cis-1-4-polybutadiene.

102498. P. M. Phene. Improvements in or relating to chhappals or the like footwear and a method of manufacturing the same. Accepted on 15th May 1967.

Comprising mainly a sole, an insole which remains above and away from sole by a series of studs and like projections and upper bands.

102503. Ministerul Industriei Chimice. Procedure for the obtainment of copper phthalocyanine chloride. Accepted on 10th May 1967.

Halogenation of copper thalocyanine carried out by heating with stirring a mixture of aluminum chloride, sulphur chloride, and copper thalocyanine at 175—185°C.

102507. The International Synthetic Rubber Company Limited. A process for preventing shrinkage and felting of wool. (17th November, 1964). Accepted on 15th May 1967.

Comprising depositing on the wool an acid chloride modified synthetic rubber.

102510. Girling Limited. Improvements in fluid pressure operated boosters or servo motors. (18th November 1964). [Addition to No. 92044]. Accepted on 15th May 1967.

The input and output members are in axial alignment on the axis of the booster, and the lever is formed by a part of the movable wall and is adapted to move angularly about a fulcrum on another part of said wall the fulcrum is spaced from the axis of the booster.

102514. Ciba Limited. Pesticidal preparations containing aromatic phosphoric or phosphonic acid esters. Accepted on 15th May 1967.

Comprising 0.0005 to 50% of R₁ (R₂ Y) P-o-C₆H₄ Cl₂ in admixture with carrier or diluent, R₁ being alkoxy, alkylthio or alkyl, halogen alkyl or aryl; R₂ is methyl or ethyl and X, Y is oxygen or sulphur.

102537. Wiggins Teape Research & Development Limited. Improvements in or relating to photographic materials. (17th November 1964). Accepted on 16th May 1967.

Applying to the surface of a polyolefine coated paper, which surface has been treated electrically to improve its adhesiveness to photographic emulsions, a coating which retards deterioration of the adhesiveness of polyolefine surface to photosensitive materials.

102538. Bakelite Limited. Improvements in or relating to decorative laminates. [Addition to No. 90634]. Accepted on 16th May 1967.

Improvement comprises in the surface layer of the assembly which has an opacity of at least 10 and comprises a layer of paper containing a white pigment or a mixture of such pigments, said paper being impregnated with an aminoformaldehyde or hardenable polyester resin.

102552. Dr. J. u. H. Krautkramer Gesellschaft Fur Elektro-physik. A system for testing materials and measuring wall thickness by the ultrasonic echo method. Accepted on 17th May, 1967.
- Characterized by an auxiliary transmitter on the receiver side, coupled electrically with the transmitter or an auxiliary receiver on the transmitter side coupled with the receiver, such that the distance from the auxiliary oscillator to the contact surface between the specimen and the intermediate piece is less than the distance between the transmitter or receiver respectively and the surface, the reference echo signal produced by the auxiliary oscillator being situated before that produced by the surface echo.*
102553. W. R. Grace & Co. Novel post-emergence herbicides. Accepted on 18th May 1967.
- Comprising a benzanilide and a solvent.*
102557. Wiggins Teape Research & Development Limited. Method of improving absorptive properties of polyolefine coated paper products. (18th November 1964). Accepted on 16th May 1967.
- Comprises applying to the polyolefine surface of the coating an acidic composition comprising an aqueous silica sol, an organic polymeric film-forming material and an acid and then drying.*
102568. International Standard Electric Corporation. A circuit arrangement of electronic devices for railway gang warning systems. Accepted on 15th May 1967.
- Comprising two similar pulse discriminator circuits precede a pulse evaluating circuit including a storage device set and a further pulse discriminator circuit is responsive to an overvoltage to reset said storage device.*
102571. Goro S. A. Hinge-like belt connectors. Accepted on 18th May, 1967.
- A hinge like connector for driving belts comprising a U-shaped hinge element having unequal arms a and b and a fixing means joining these arms to the belt.*
102573. Imperial Chemical Industries Limited. Reductive dimerisation of α , β -olefinically unsaturated nitriles. (24th November, 1964). Accepted on 18th May 1967.
- Wherein the nitrile is dissolved in an aqueous medium containing an organic sulfoxide or sulfone.*
102595. Etablissements Merlin & Gerin, Societe Anonyme. Cellular electric installation comprising an unpluggable electric device mounted on a movable framework. Accepted on 16th May 1967.
- Characterised in that the device being detachably supported by a support, means being provided for lifting the framework in relation to the said support and an independent truck for engagement under the framework.*
102615. Westinghouse Air Brake Company. Improvements relating to circuit arrangements for detecting the presence of a vehicle on a route. Accepted on 17th May, 1967.
- Comprising a shunting member movable along the route with a vehicle and in contact with the conductors extending along the route which shunts the signal to one receiver when disposed between that receiver and the source of a predetermined signal frequency and shunts the signal to another receiver when disposed between this receiver and the source.*
102624. International Standard Electric Corporation. Route-releasing circuit for electrically interlocking railway signalling systems. Accepted on 16th May 1967.
- Comprising two release checking relays, a track testing relay energisable via contacts, switching means for resetting a point locking relay and two pairs of output terminals.*
102625. International Standard Electric Corporation. A route releasing circuit arrangement for interlocking signalling system controlling sections of a railway track. Accepted on 16th May 1967.
- Comprising a circuit arrangement including two switching means first responsive to the track relay means for detecting occupation of at least one track section and the second for detecting clearance of that section, and a route releasing means being operative only when second switching means operative after the first switching means.*
102626. International Standard Electric Corporation. A proving circuit arrangement for interlocking railway signalling systems. Accepted on 16th May 1967.
- Comprising track relays for supervising the occupancy of the associated track sections provided with one set of test contacts which being interconnected in a proving circuit.*
102650. The Bendix Corporation. Improvement in or relating to fluid shut off valves and emergency fuel flow shut off valves. Accepted on 15th May 1967.
- Comprising a valve for engagement with orifice being actuated by servo-mechanism and another valve for controlling flow in another orifice.*
102666. General Dynamics Corporation. Tension control system. Accepted on 18th May, 1967.
- Comprising tensioning means, actuator means to move the said tensioning means, control means for said actuator means, means to vary the effect of the said control means and speed control means for at least one electric drive motor.*
102672. The Lubrizol Corporation. Basic mixture of alkaline earth metal salts and lubricating compositions containing the same. Accepted on 19th May, 1967.
- The invention comprises of a basic mixture of alkaline earth metal salts of phosphorized aliphatic hydrocarbons where the metal ratio is greater than about 2.5 and comprises 40 to 90 parts by weight of the metal and 5 to 60 parts by weight of a metal having a metal ratio less than 2.*
102712. Compagnie Des Freins Et Signaux Westinghouse. Vacuum brake arrangements for railway vehicles. Accepted on 15th May 1967.
- Comprising at least one vacuum pump, at least one driver's brake valve, a train pipe controlling the vacuum brakes on the train and an electromagnetically operated double cut out.*
102792. Imperial Chemical Industries Limited. Process and apparatus for the purification of a crystallisable substance. (2nd December, 1964). Accepted on 16th May 1967.
- Comprises partly crystallising body of substance, displacing remaining liquid, removing part of the crystals, displacing liquid in a opposite direction to previous movement.*
102796. Associated Electrical Industries Limited. Improvements relating to controlled rectifier circuits. (2nd December 1964). Accepted on 17th May 1967.
- Comprising a separate controlled rectifier control means to trigger the rectifier for a half cycle and means for controlling the phasing of the triggering.*
102853. Koppers Company, Inc. Improvements in or relating to resin-Bonded wound filament shells and to a method of molding thereof. Accepted on 15th May 1967.
- Comprising forming a nonplanar mold member having several different peripheral dimensions transverse its longitudinal axis at successive stations, forming a nonplanar mandrel member of circular cross-section transverse its longitudinal axis.*
102887. Armour and Company. N-secondary alkyl diamine compounds and their process of preparation. Accepted on 11th May 1967.
- Reacting a secondary alkyl primary amine and acrylonitrile in the presence of water to form N-(β -cyanoethyl)-secondary-alkyl amine.*

102943. Whiffen & Sons Limited. Process for preparing azines and the compounds so prepared. (22nd December, 1964). Accepted on 17th May 1967.

Comprises reacting gaseous chlorine with aqueous ammonia in presence of carbonyl compound and strong base.

102998. General Dynamics Corporation. Bonding of teflon fabric. Accepted on 12th May 1967.

Applying an adhesive to a clean metal surface placing the polyhalocarbon resin containing cloth like member having one face thereof chemically etched, over the adhesive material with the etched face down and applying heat to bond the cloth like member to the metal.

103014. Compagnie Francaise Thomson-Houston Hotchkiss Brandt. Anisotherm Evaporation heat-transfer structure. Accepted on 12th May 1967.

Characterized in that the protuberances have adjoining bases and have sidewalls that are tapered over at least a substantial part of their length, and are so proportioned as to satisfy the relation

$$b = kc \frac{\theta}{\phi}$$

$$\frac{S_1}{S_a} = k \frac{\phi}{pq}$$

wherein b, s_a, s₁ are the length, base area and the total area of a protuberance, C is the heat conductivity of material, q is the critical flux density of heat transfer of the boiling liquid, θ is the specified temperature drop φ is the nominal maximum heat flux, k is a numerical safety factor within range from 1 to 2, p is a numerical efficiency factor within the range 0.8 to 1.6.

103051. Shell Internationale Research Maatschappij N. V. Process for the preparation of polyvinylaromatic compositions. Accepted on 18th May 1967.

Comprising continuous bulk polymerization of vinyl aromatic compound in presence of unvulcanized elastomer in several reactor, inert diluent being present in final reactor.

103091. Shaparia Dock & Steel Co Private Limited. Improvements in or relating to sanitary closets and the like latrines. Accepted on 17th May 1967.

Comprising a metal stand, a platform, an enamelled pan having sloping portion with an outlet for discharging urine; a urine and water tray, a main receptacle, a stirrer, a box for collecting urine and water.

103121. Ckd Praha oborovi Podmik. A semiconductor device having planar semiconductor element. Accepted on 18th May, 1967.

Have a planar semiconductor element forced against contact plates of electrodes by a spring accommodated inside a cylindrical holder.

103134. Allied Chemical Corporation. Process for the preparation of malic acid. Accepted on 19th May, 1967.

By catalytic oxidation of organic compounds, dissolving the vapours in water, solid is removed from the solution and solution is heated in a closed system to convert maleic acid into malic acid.

103166. Borg-Warner Corporation. A compressor. Accepted on 17th May, 1967.

Comprising a housing having a cavity, a rotor with hub, and a shaft extending from the hub, means for rotatably journaling said rotor and means for supplying lubricants to the injection port.

103244. Beloit Corporation. Food dryer. Accepted on 16th May, 1967.

Comprising a pair of drying drums forming a narrow nip, doctor blade, plurality of separately heated drying zones, heat transfer coefficient in the range of 40 to 60 btu/hr/ft.²F.

103256. Huyck Corporation. A corrugator combiner belt and method of making same. Accepted on 16th May 1967.

The belt is formed of material permitting the transmission of moisture there through from the web, the material comprising incompressible polymeric sheet material.

103270. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Aqueous solutions of anthraquinone pigments and process for dyeing spin dyeing, pad dyeing or printing fibrous materials, foils and shaped articles by methods using said pigments. Accepted on 12th May, 1967.

Comprises anthraquinone pigment containing at least one CONH group in the molecule and a quaternary cationic surface active agent.

103351. Ciba Limited. Epoxy resin moulding compositions. Accepted on 19th May, 1967.

Comprises reacting the epihalohydrin in an alkaline medium with a condensation product prepared from a phenol and a cyclic anhydride or a dibasic acid capable of forming such a cyclic anhydride under reaction conditions.

103374. International Standard Electric Corporation. A railway signalling circuit arrangement for the evaluation of an alternating track voltage. Accepted on 12th May, 1967.

Comprising a glow discharge valve provided with at least three electrodes and coupled to a track current circuit and to two reference current circuit.

103470. Udec Ltd. Improvements in or relating to bottle capping apparatus. (18th January, 1965). Accepted on 19th May, 1967.

The apparatus being located in an air tight casing outside which sterilising liquid to be used to the caps being disposed means for delivering the sterilised caps to the said casing and means for heating and drying the said caps.

103483. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Basic azo dyestuffs and process for preparing them, and textile materials which have been dyed or printed by a process using said dyestuffs. Accepted on 12th May 1967.

A process for the preparation of basic azo dyes comprises coupling a diazonium compound of a quaternary with a coupling component free from sulphonic acid and carboxylic acid groups.

103505. Phillips Petroleum Company. Polymerization of olefins and an improved catalyst for such polymerization. Accepted on 18th May 1967.

Polymerizing aliphatic 1-olefin in the presence of a catalyst which is formed on mixing (a) a pre-formed complex containing aluminium, halogen and organic radical, (b) a titanium chloride aluminium chloride complex, (c) and an organo metallic halide.

103517. St. Anne's Board Mill Company Limited. Dewatering watery pulp. Accepted on 12th May, 1967.

Comprising first and second bands adapted to move together over a portion of their travel around a static pressing element having an operative face which is convexly curved but non-circular, successive portions thereof being of progressively greater radius.

103580. Shell Internationale Research Maatschappij N. V. 2-(2, 6-dihalophenyl)-4-hydroxy-5-carboxymethylthiazole and alkylesters thereof as herbicides. (28th January 1965). Accepted on 12th May, 1967.

Reacting 2, 6-dihalothiobenzamide with maleic acid.

103588. Phillips Petroleum Company Process for polymerizing conjugated dienes. Accepted on 12th May, 1967.

In a process of polymerising a conjugated diene or a mixture of a conjugated diene and a vinyl substituted aromatic compound, the polymerisation is terminated by adding an organo tin compound.

103615. *Ateliers De Constructions Electriques De Charleroi (Acec)*. A circuit having two stable states. Accepted on 12th May 1967.
Comprising two magnetic elements each having a primary and a secondary winding and a direct current desaturation winding all wound on a pre-saturated core.
103632. Shell Internationale Research Maatschappij N. V. Tray for contacting liquids and gases. Accepted on 18th May, 1967.
Comprising one or more tubular contacting apparatus for liquid and gas, each apparatus being provided with means to impart a rotary motion to the gas, the tubular chamber being provided with ungenual apparatus for discharge of the liquid.
103635. Ethyl Corporation. Process for isomerizing terminal olefins. (31st August 1965). Accepted on 19th May, 1967.
By isomerizing a terminal olefin to an internal olefin which comprises contacting the terminal olefin with a group VIII metal as a catalyst.
103672. Zavod Tyazhelogo Mashinostroeniya im. Ord-Zhonykidze. Current collection device for movable hoisting—and transportation arrangements. Accepted on 12th May 1967.
A current collection device characterised in that the guide is made as a link member articulated to the hoisting and transportation arrangement and is connected to the trolley of collectors by means of universal joints.
103693. The Lubrizol Corporation. Process for preparing a homogeneous gel and lubricating composition comprising the same. Accepted on 19th May, 1967.
This invention relates to the process for preparing thickened mineral oil comprising homogeneous gel contacting with air or oxygen and a fluid mineral oil solution containing basic complex of an alkaline earth metal.
103724. Lindauer Dornier Gesellschaft m.b.H. A shuttleless loom of the type having a reciprocating gripper system. (5th January 1966). Accepted on 18th May, 1967.
A freely rotatable roller guide is provided on the distributor member of the gripper withdrawing the weft thread from a feed spool, to carry the weft after its removal from feed spool and to insert it into fabric.
103729. Standard Telephone and Cables Limited. Cable stranding machine. Accepted on 12th May 1967.
A cable stranding machine wherein the rotor and the drum are rotatable at individual rotational speeds about the common axis.
103822. Davidson of India Private Limited. Variable speed transmission gear. Accepted on 10th May, 1967.
Comprising driving and driven shafts each carrying coplanar discs, a pair of frictionally rimmed wheels in constant contact with the discs and movable in a plane parallel to that of the discs.
103895. Mefina S. A. Adjustable system for feeding an electric motor through a resistance of a variable value. Accepted on 18th May 1967.
Comprising adjustable resistance, diode is inserted in series with a fraction of resistance and is adapted to be shunted by other fraction of the resistance.
103923. Fmc Corporation. Preparation of water insoluble collagen composition capable of forming stable aqueous dispersions. Accepted on 18th May 1967.
Distributing hydrochloric acid solution a body of undenatured natural fibrous collagen and comminuting resultant wet mass until 10% of particles have been reduced to a particle size of a maximum dimension of less than one micron.
104107. A. R. Rausing. A lid-covered container. Accepted on 19th May, 1967.
Consisting of a tubular flexible body closed at one end and having an opening into which a resilient disk lid is introduced, and a tubular supporting sleeve on the outside to oppose the bulging tendency of the said body.
104139. Ahmedabad Textile Industry's Research Association. Process for improving wet crease recovery and drip dry performance of cellulosic materials. accepted on 19th May, 1967.
By treatment of cellulosic material with formaldehyde in presence of polyhydroxy compound.
104158. Lee-Norse Company. Mining machines. Accepted on 19th May, 1967.
Characterized by comprising a shaft, a pair of links, eccentric means on the shaft, means to operatively engage eccentric means and means for rotating the shaft.
104179. Standard Pressed Steel Co. A metal fastening device and a method of production therefor. Accepted on 19th May, 1967.
Comprising a plastic element bonded to a bearing surface or to a surface that is to be engaged by a mating fastening device or by a workpiece.
104190. Joseph Lucas (Industries) Limited. Spark ignition systems. (10th March, 1965). Accepted on 19th May, 1967.
Comprising a pair of terminals for connection to the battery, a series circuit with an inductor, a diode and a capacitor, a first semi-conductor switch across the diode and capacitor, a second semi-conductor switch across the capacitor and means for turning the said first and second switch.
104191. Joseph Lucas (Industries) Limited. Spark ignition systems. (10th March 1965). Accepted on 19th May, 1967.
Comprising switch means in circuit with a capacitor for discharge so as to produce spark and means for stepping operation of said circuit before the next spark is required.
104237. Shell Internationale Research Maatschappij N. V. Process for the separation of a mixture containing hydrocarbons. Accepted on 18th May 1967.
By means of liquid-liquid extraction characterized in that solvent is removed from the used washing, medium by contacting with a hydrocarbon containing mixture.
104370. L'Éclairage Des Vehicules Sur Rail (E.V.R.) Device for protection against overvoltages. Accepted on 18th May 1967.
Comprising an auxiliary rectifier system having incomplete bridge connected to the electric installations to be protected, a cut-off device being provided between accumulator battery and apparatus.
104481. Corning glass works. Apparatus for positioning a skirted rectangular hollow vessel. Accepted on 11th May 1967.
Comprising plurality of pairs of associated rollers mounted on a platform bisymmetrically corresponding to the major and minor axes of the vessel and spring means.
104510. Societe Technique Pour L'Industrie Nouvelle S. A. "Stin". Railway signalling equipment. (2nd February 1966) Accepted on 15th May 1967.
Comprises first and second shackle-engaging attachment means, these attachment means being vertically spaced apart and the first attachment means being shaped to fit over the shackle when the shackle is already hooked into its own coupling hook.

104538. Hawke Cable Glands Limited. Improvements in or relating to electric cable glands. Accepted on 18th May, 1967.

Comprising sealing washer is grooved around its outer periphery and is constructed about the adjacent cable sheath by axial compression between two opposed annular surface which are mutually convergent in a direction radially inwards of the gland.

104564. K. C. Dhalla. Improvements in or relation to household or domestic furniture. Accepted on 12th May, 1967.

A domestic furniture wherein each leg assemblies are Y shaped so that when the leg assemblies are unfolded the height of the furniture is increased to its maximum.

104639. Ibcen Private Limited. A process for concentration of any liquor such as caustic, acid, juices, sea water, by a cycle of evaporation and condensation. Accepted on 18th May, 1967.

Comprising the steps of heating the liquor to near boiling point in heat exchangers and dropped as a fine spray through a cooling tower excess water goes out from liquor as vapours.

104663. Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft. Stationary, refractory-lined reaction vessel and steelmaking plant comprising such reaction vessel. Accepted on 19th May, 1967.

Stationary, refractory-line reaction vessel characterized by consisting of at least two horizontally displaceable parts with means in one part for the introduction of charging material lances and admixtures.

104714. J. M. Huber Corporation. Pigment and process of producing same. Accepted on 19th May, 1967.

Comprises forming an aqueous slurry containing metal compounds and finely divided reactive phylloid silica, heating for a time sufficient to complete the reaction and recovering the product.

104760. Phillips Petroleum Company. Process and apparatus for producing either isaf or haf carbon black. Accepted on 17th May, 1967.

Comprising plurality of connected axially arranged reaction sections introducing means for make hydrocarbon and fuel, burning means of same, and quenching means of reaction effluent.

104767. International Standard Electric Corporation. Amplifier terminating network. (9th April 1965). Accepted on 12th May, 1967.

Comprising at least one bridge circuit having a first diagonal connected to a source of signals to be amplified or to a load circuit via a first reactance network and a second diagonal forming part of the feed back circuit.

104782. T. Kobayashi. Combination paper machine. Accepted on 12th May, 1967.

Having a horizontal row of web forming units, each comprising a horizontal cylinder with a flow box opening above it a feed roll set a couch roll set on the cylinder opposite the feed roll across the cylinder and belt carried from over the feed roll along the lower side of the cylinder to the couch roll.

104785. Industriewerk Schaeffler O.H.G. Top roller for drafting mechanisms in spinning machines. Accepted on 18th May, 1967.

Characterised in the ball type rolling elements rolling directly on shaft race grooves, outer races made of sheet material having one rim for accepting axial forces and one rim of outer races forming a seal in conjunction with shaft.

104811. G. Giori. Wiping system for removing ink from engraved surfaces of intaglio printing presses. Accepted on 11th May 1967.

Comprising at least one rotating wiping cylinder engaging the engrave surface and an aqueous solvent bath between the 30°C and 80°C comprising a strong base, a detergent and a wetting agent.

104816. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the manufacture of polyamide powders modified by finely divided fillers. Accepted on 16th May, 1967.

Comprises the reaction of diarylester of isophthalic acid and/or terephthalic acid, and/or aliphatic dicarboxylic acids with primary aliphatic and/or cycloaliphatic and/or araliphatic diamine in an inert solvent like benzene, wherein the filler is evenly dispersed in the said solvent by vigorous stirring prior to polycondensation.

104913. Ciba Limited. New Aryl-1, 3, 5-triazine derivatives. process for their manufacture and organic materials protected therewith. Accepted on 12th May 1967.

Introducing in a cyanuric halide, a six membered aromatic cyclic system containing a hydroxyl group, a heteroatom and alkyl, aralkyl or cyclo alkyl groups.

104970. Council of Scientific and Industrial Research. Dielectric-loaded waveguide type broadband e-plane ferrite resonance isolators for microwave frequencies. Accepted on 11th May, 1967.

Wherein the dielectric slab has a thickness within the limits determined by two equations.

104974. The Dow Chemical Company. Purification of aqueous caustic solutions. Accepted on 19th May, 1967.

By electrolysis of the solution in a cell having an anode and a mesh cathode $\frac{1}{2}$ to 4" thick fabricated of strands having cross sectional area equivalent to wire of 0.001 to 0.03" in dia. and a surface to volume ratio of 50 to 600 cu. ft. using a current density of 6 amps/sq. ft. of cathode surface.

105018. Societe De Constructions Electromechaniques Jeumontschneider. Track circuits without insulating joints. Accepted on 12th May, 1967.

Comprising a plurality of obliquely arranged short circuit connection between the rails of the track, a principal transmitter supplying disrupted pulses to the rails, additional pulse transmitters, pick ups located near the ends of each zone for receiving the pulses from the additional transmitters receiver means for independently determining the strength of the pulses.

105028. Pacific Research Laboratory. Writing ink. Accepted on 19th May, 1967.

Comprises an alkaline aqueous solution of a polyethyleneimine and a dyestuff.

105033. Jervis B. Webb Company. A movable track section for a carrier. Accepted on 16th May, 1967.

Comprising an elevator device including frame structure disposed to one side only of the path of carrier travel on the movable track section and a vertically movable carriage mounted on the frame structure.

105040. Daikin Kogyo Co. Ltd. Seedling planting machine. Accepted on 19th May, 1967.

Comprising means to convey a continuous band shaped, soil attached seedling to a cutting portion and cutting means to cut said seedling band by a blade operating at a constant cycle.

105099. Stamicharhon N. V. Spraying device. Accepted on 12th May, 1967.

Comprises a trough the bottom of it being formed of alternately positioned flat and corrugated plates successive corrugated plates forming an angle with the bottom of the trough which increases towards the end of the trough.

105224. Universal Oil Products Company. Radiation-type interface detector. Accepted on 19th May, 1967.

Comprising a vertical conduit in which exists a radiation source to emit radiation outwardly, a radiation detector to intercept radiation emitted from the said source, a drive means coupled to the said source and said detector and a read-out means electrically coupled to said detector.

105259 Societe Fives Lilie-Cail. Process and apparatus for drying a product suspended in a liquid. Accepted on 17th May, 1967.

Introducing plurality of liquid streams into axially rotating drier deflecting the streams radially away from said axis into engagement with inner surface of the wall means, through which liquid passes.

105424. M. D. Duran. Improvements in or relating to rapier looms. Accepted on 15th May 1967.

Having a flexible band type of rapier which is anchored at one end to a wheel which is movable with the sley, mechanism for rotating the wheel to project and retract the rapier.

105425 M. D. Duran. Improvements in or relating to looms with stationary weft supply. Accepted on 15th May, 1967.

Comprising a series of weft guides each of which is movable from an inoperative position where it holds its weft out of the path of the movement of the rapier to an operative position where it presents the weft to the rapier.

105689 Dunlop Rubber Company Limited. Method and apparatus for the assembly on a breaker element upon the carcass of a pneumatic tyre. Accepted on 16th May, 1967.

Comprising ring and an annular radially deformable transfer member having a radially-inner surface for gripping the breaker element which is of an internal diameter greater than the maximum external diameter of the carcass and applied breaker elements, securing means associated with said member.

105849 Rohm and Haas Company. Process of treating a fibre-forming synthetic linear polyamide, a light stabilized composition containing said linear polyamide and fibres of shaped articles made from said composition. Accepted on 12th May, 1967.

A light stabilized polyamide composition comprising a substantially colour-free fibre forming synthetic linear polyamide and manganese polyacrylate and/or polymethacrylate as a light stabilizer.

105960 Ciba Limited. Process for hardening gelatine. Accepted on 19th May, 1967.

Comprises hardening gelatine by treatment with α -ylamino compound with α , β -ethylenically unsaturated α -halogen-carboxylic acid amide residues.

106011 Dynamit Nobel Aktiengesellschaft. Process for the production of alkali metal hydrides in powder form. Accepted on 19th May, 1967.

The invention relates to the production of alkali metals hydride which comprises preparing pulverulent mixture of molten alkali metal and powdered alkali metal hydride and reacting this mixture with hydrogen to convert it to the corresponding alkali metal hydride.

106128 General Electric Company. Transformer core reinforcing plate. Accepted on 12th May, 1967.

Comprising plurality of by section a pair of voke section a pair of elongated voke clamps pair of elongated reinforced plates, a flat bar slotted longitudinally and clamping bolts

106402 Siemens & Halske Aktiengesellschaft. Improvements in or relating to electric circuit arrangements (21st April 1966). Accepted on 12th May, 1967.

Comprising a plurality of signal channels including a plurality of electronic sampling switches arranged in said signal channels a store which has

a higher input impedance than each of the said channels and a further electronic switch by way of which the time division multiplexed signal is passed to said store.

106790. C. E. Bartens. Signal system for automobile. Accepted on 12th May, 1967.

First group of signal lamps visible from the left side and the front, a second group of signal lamps visible from the left side and from the rear, a third group of signal lamps visible from right side and from the rear, forth group of signal lamps visible from the right side and from the front, a direction indicator switch.

106911. K. K. Mehra. A car safety locking device. Accepted on 12th May, 1967.

Comprising an upper lock case for disconnecting the distributor said lock case being coupled with a lower casing which being housed with jet control system for disconnecting the flow of petrol to the carburetor.

107095. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to hydrodynamic bearings. Accepted on 11th May, 1967.

Comprising a rotatable and stationary bearing members, a spiral groove in the cooperating surface of the bearing characterised in that the rotary bearing member provides a storage space for the lubricant.

107173. Lansing Bagnall Limited. Improvements in or relating to the mounting of electrical components. (27th September 1965). Accepted on 29th April, 1967.

At least a portion of the unit adjacent the edge having the contact is encapsulated in a body of insulating material which is arranged, when the contacts are in the sockets, to support the unit.

107699 Cheney Bigelow Wire Works Inc. Woven wire cloth for fourdrinier machines. [Addition to No. 100044]. [Divisional date 8th August 1966]. Accepted on 12th May, 1967.

Comprising warp wires having hard inner core and an outer coating on said hard core the wires having a cross sectional area between 0.0000125" to 0.0002011" square inches.

107856 Ringfeder G.m.b.H. Improvements in or relating to couplings. Accepted on 12th May 1967.

Device for supporting and centrally stabilising the coupling being arranged substantially parallel to a coupling arm and having more than two supporting point and being engaged on the one hand, directly on a bracket and on the other hand having an insert which is resistant to wear with a bearing block.

107923. Reynolds Metals Company. Heat exchanger construction and method for making the same. Accepted on 15th May 1967.

Drawing ironing and shaping the flange of the tubular member to form a fin having a surface area greater than the surface area of the flange from to which the fin is formed.

108120. James A. Jobling & Company Limited. Improvements in or relating to grinding machines. (29th November, 1965). Accepted on 16th May, 1967.

A grinding machine comprising a grinding member supported for swivelling with its grinding face disposed in an upright plane.

110262. Automation Industries Inc. Ultrasonic inspection. [Divisional date 21st July 1965]. Accepted on 22nd April 1967.

Comprising a search unit for being coupled with workpiece, receiving means coupled to the search unit.

110418 Ciba Limited. Process for preparation of new aromatic phosphoric or phosphonic acid esters. [Divisional date 15th November 1965]. Accepted on 15th May, 1967.

Reacting $R_1(R_2Y)-P''X-Hal$ with metal salt of 2, 5-dichloro-4-iodophenol, wherein R_1 is alkoxyl, alkylthio, alkyl halogenalkyl or aryl; R_2 is methyl or ethyl and X, Y represent oxygen or sulphur.

Correction of Clerical Error

(1)

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical error occurring in the application and Letters—Patent in respect of Patent No. 78602 was corrected on 18th May, 1967.

(2)

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical errors occurring in the application, specification and Letters—Patent in respect of patent application No. 88587 was corrected on 19th May 1967.

(3)

Under Section 62 of the Indian Patents and Design Act 1911 certain clerical error occurring in the application specification and letters—patent of Patent No. 88653 was corrected on 18th May, 1967.

Patents Sealed

87725. 88851. 94327. 95445. 95775. 96103. 96592. 96786.
96792. 97249. 97287. 97329. 97339. 97395. 97398. 97455.
97484. 97495. 97553. 97555. 97589. 97602. 97615. 97622.
97708. 97742. 97864. 97886. 97939. 98003. 98071. 98123.
98149. 98156. 98260. 98305. 98380. 98445. 98534. 98538.
98541. 98566. 98581. 98590. 98591. 98598. 98626. 98649.
98674. 98679. 98692. 98707. 98713. 98783. 98791. 98812.
98813. 98829. 98842. 98855. 98920. 98926. 99012. 99015.
99042. 99053. 99055. 99057. 99059. 99079. 99083. 99087.
99152. 99153. 99167. 99188. 99192. 99193. 99209. 99210.
99212. 99215. 99244. 99264. 99269. 99288. 99304. 99311.
99324. 99348. 99367. 99369. 99402. 99595. 99657. 99944.
101121. 101568. 101760.

Amendment Proceedings

(1)

The amendment proposed by Socony Mobil Oil Company Inc., in respect of patent application 88090 as advertised in the Gazette of India, Part III, Section 2 dated the 11th February 1967 has been allowed.

(2)

The amendment proposed by Improved Machinery Inc., in respect of patent application No. 95606 as advertised in the Gazette of India Part III, Section 2 dated the 11th February, 1967 has been allowed.

Renewal Fees Paid

48050. 49594. 49753. 49754. 49841. 50168. 50572. 51275.
51787. 51799. 51870. 51871. 52041. 52054. 52057. 52136.
52142. 52156. 52176. 52230. 52297. 52299. 52618. 53541.
54281. 54318. 54626. 54627. 54642. 54674. 54693. 54738.
54739. 54753. 54786. 54787. 55580. 56583. 56958. 56959.
56991. 57048. 57060. 57061. 57188. 57459. 57473. 57508.
57571. 57595. 57590. 57602. 57603. 57615. 57646. 57683.
57696. 57715. 57773. 57774. 57861. 57891. 57978. 58158.
60118. 60125. 60428. 60571. 60572. 60593. 60605. 60607.
60625. 60701. 60772. 60803. 60818. 60824. 60840. 60853.
60872. 60890. 60919. 60949. 60956. 61067. 61165. 61250.
61290. 61452. 62208. 64083. 64084. 64129. 64142. 64247.
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Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 61652—S. Ramanujam & another.

The patent ceased on the 6th September 1964, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 26th December 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 15th July 1967.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 80144—Sun Oil Company.

The patent ceased on the 8th January 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 27th May, 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 15th July 1967.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 84945—Chandan Metal Products Private Limited.

The patent ceased on the 3rd November 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 27th May 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 15th July 1967.

(4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 85760—Chandan Metal Products Private Limited.

The patent ceased on the 22nd December 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 27th May 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 15th July 1967.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. Nos. 129824 and 129825. Lakhi Trading Company. An Indian Partnership Firm, Jai-Hind Estate, Bldg. No. 2, Shop No. 8 and 9, Bhuleshwar, Bombay-2, Maharashtra, India, "A container", November 29, 1966.
- Class 1. No. 129826. Chuni Lal Savara, An Indian Citizen, 123, Mahatma Gandhi Road, Fort, Bombay-1, Maharashtra, India, "Peg Measure", November 29, 1966.
- Class 1. Nos. 130127 and 130128. Krishnaier Raghavendran, 20 Peeran Line, Railway Station Road, Tirupattur, North Arcot District, Madras State, India, Indian, "Coat-Hanger Stand", January 11, 1967.
- Class 1. No. 130206. Flora Electrical Industries, an Indian Partnership Firm, 3 Malka Ganj Road, Delhi-7, India, "Electric Iron Clad Main Switch", January 20, 1967.
- Class 1. No. 130210. Mandyam Annadhoray Sri Rama, Government Press, Bangalore-1, Mysore State, Indian, "Letter-Press Printing Types-full fount of different sizes", January 24, 1967.
- Class 1. No. 130491. Virendra Kumar Jhamb, (An Indian Citizen), 211 (Frere Road, Bombay 1, Maharashtra, India, "Constructional Elements", February 24, 1967.
- Class 1. Nos. 130606 to 130610. Elegant Industries Private Limited (A company registered under the Indian Companies Act), also trading as Sunshine Industries, Udyog Bhavan, 250-D, Worli, Bombay 18 (Maharashtra). "Necklace", March 27, 1967.
- Class 3. No. 129565. Simplex Industries, Sewaki Gali, Nagaur, (Rajasthan) an Indian Partnership concern, Indian, "Insulation Tube for Pliers", September 27, 1966.
- Class 3. Nos. 129734 to 129736. Magaji Durgasa Ambaswamy, Indian Subject, Balepet, Bangalore-2, Mysore State (India), "Helmet", November 17, 1966.
- Class 3. No. 129968. Unilever Limited, a Company registered under the laws of Great Britain, Port Sunlight, in the Country of Chester, England and also of Unilever House, Blackfriars, London, E.C. 4, England, "Bottle or like container", June 30, 1966. (United Kingdom).
- Class 3. No. 130133. (Mrs). Ivy Wilson, a British Subject, 10 Kyd Street, Calcutta, West Bengal, India, "a device for turning over paper sheets", January 16, 1967.
- Class 3. No. 130141. Winner Moulders, 10068 Street No. 1, Pahar Ganj (D. B. Road), New Delhi, an Indian registered partnership concern, Indian, "soap case", January 16, 1967.
- Class 3. No. 130143. Bako-Plast Industries Private Limited New Delhi, An Indian Company, "Electric Wiring Bush", January 17, 1967.
- Class 3. Nos. 130236. Colgate-Palmolive Company, 300 Park Avenue, New York, New York 10022, United States of America, "a bottle", January 28, 1967.
- Class 4. No. 130238. Colgate-Palmolive Company, 300 Park Avenue New York, New York 10022, United States of America, "A bottle", January 28, 1967.
- Class 5. Nos. 129937 and 129938. Metro Playing Card Company, Central Salsette Road, Kalina, Bombay-29, Maharashtra, an Indian partnership concern, Metro Playing Card Company, Central Salsette Road, Kalina, Bombay-29, "playing cards", December 15, 1966.
- Class 10. Nos. 130170 to 130172. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "Footwear", January 19, 1967.
- Class 12. No. 129820. Mr. E. R. Vicanjee, Warden And Company Private Limited, Quay Street, Maza gaon, Bombay-10DD (Maharashtra State), Indian, "Polyethylene Drum tap with lock device" November 25, 1966.

- Class 13. Nos. 130284 and 130287 to 130293. The Delhi Cloth & General Mills Co., Ltd., Indian Company, Post Box No. 1039, Bara Hindu Rao, Delhi-6, Delhi, "Textile piecegoods", February 4, 1967.
- Class 13. Nos. 130376 and 130377. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, Indian, "Textile goods", February 17, 1967.
- Class 13. Nos. 130390 to 130418 and 130420 to 130429. Jiyajeero Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", February 18, 1967.
- Class 13. No. 130530. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, Indian, "Textile goods", March 6, 1967.
- Class 13. Nos. 130569 and 130571 to 130573. The Crown Spg. & Mfg. Co., Ltd., Gokhale Road (South), Parcel, Bombay 13, Maharashtra Nationality—Indian Company, "Textile goods", March 22, 1967.
- Class 13. Nos. 130583 and 130584. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, Indian, "Textile goods", March 25, 1967.
- Class 13. Nos. 130625 to 130643. The Khatau Makanji Spg. & Wvg. Co., Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", March 27, 1967.
- Class 13. Nos. 130711 to 130722. The Khatau Makanji Spg. & Wvg. Co., Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", April 18, 1967.
- Class 14. Nos. 130495 and 130496. The Victoria Mills Limited, an Indian Company, De Lisle Road, Parcel, Bombay-13, "Textile piecegoods", February 27, 1967.

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A. JOGARAO
 Controller General of Patents,
 Designs and Trade Marks.

